



## CERTIFICATE OF ANALYSIS

Date: 04/09/13

**PRODUCT NAME : MANGANESE (II) ACETATE (TETRAHYDRATE) EXTRA PURE**

CAS No : 6156-78-1                      Product code : 15585  
Mol. Formula :  $(\text{CH}_3\text{COO})_2\text{Mn}\cdot 4\text{H}_2\text{O}$                       Batch No : MCR- 7107  
Mol. WT : 245.09                      Mfd. : Sept. 2013

S. R	Test	Specification	Observation
1	Assay	99 % min	99.96%
2	Substances insoluble in water	0.01 % max	0.006%
3	Chloride (Cl)	0.002% max.	<0.002%
4	Sulphate(SO <sub>4</sub> )	0.005% max.	<0.005%
5	Lead (Pb)	0.005% max.	<0.005%
6	Calcium (Ca)	0.1% max.	<0.1%
7	Iron (Fe)	0.001% max.	<0.001%
8	Zinc(Zn)	0.005% max.	<0.005%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE  
(G.G.Salian)

**Note:** Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503